

CANADIANA

OCT 16 1990

## GENERAL INSTRUCTIONS

- \* Read each question carefully.
- \* Use your pencil to fill in the circle in front of the CORRECT answer.
- \* Use an HB pencil.
- \* Mark only one answer for each question.
- \* If you change an answer, erase your first mark completely.
- \* Use scrap paper to work out your answers.



# GRADE 3 ACHIEVEMENT TEST

## Mathematics

1. Find the sum.

June 1990

**Alberta**  
EDUCATION

**DO NOT MAKE  
ANY MARKS  
ON THIS PAGE**

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DO NOT TURN THIS PAGE UNTIL  
EXAMPLES

### Example 1

1. Find the sum.

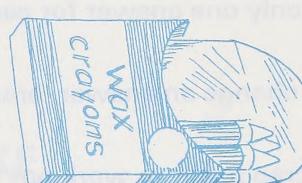
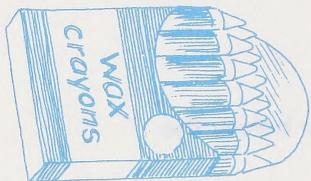
$$\begin{array}{r} 6 \\ +2 \\ \hline \end{array}$$

- 3
- 4
- 8
- 12

The correct answer in this example is 8. The circle in front of that answer has been filled in.

## Example 2

2. Which crayon box has the MOST crayons?



The correct answer in this example is the first picture.

The circle below that answer has been filled in.

**This part of the test has 25 questions about numbers, shapes, and graphs.**

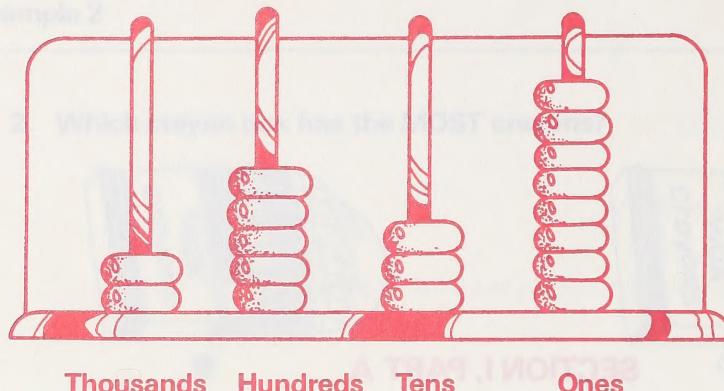
**You have 25 minutes to complete this part of the test.**

## **SECTION I, PART A**

**DO NOT TURN THIS PAGE UNTIL  
YOUR TEACHER TELLS YOU TO DO SO.**

**1. Look at this picture.**

Example 2



Which number does the picture represent?

8532

8352

2583

2538

**2. Counting backward, what will the next number be?**

100, 75, 50, \_\_\_\_\_

25

30

40

55

- 3. Which number sentence is true?**

You can find it by counting by 3.

You can find it by counting by 5.

968 < 698

968 < 689

968 > 689

968 = 689

- 4.  $7 \times 100 + 3 \times 10 + 2 \times 1$  is the same as**

zero \$

and \$

ten thousand \$

thousand \$

732

7 032

70 032

700 302

- B. Which of those numbers has 5 in the thousands place and 7 in the tens place?**

5278

5728

7258

7528

5. Look at this picture of a calculator.



What must be added to 1356  
to get 1556?

- 2 ones
- 2 tens
- 2 hundreds
- 2 thousands

6. The number 6301 is the  
same as

- $6000 + 300 + 1$
- $6000 + 30 + 1$
- $600 + 300 + 1$
- $600 + 30 + 1$

7.

I am thinking of a number between 0 and 50.

You can find it by counting by 2s.

You can find it by counting by 5s.

Which of these numbers am I thinking of?

42

30

25

15

42

30

25

15



8. Which of these numbers has 5 in the thousands place and 7 in the tens place?

5278

5728

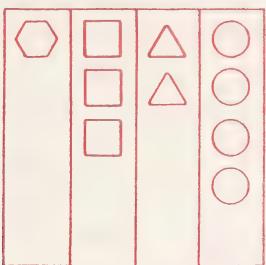
7258

7528

**9. Which picture has 0.2 of the cupcakes with cherries on top?**

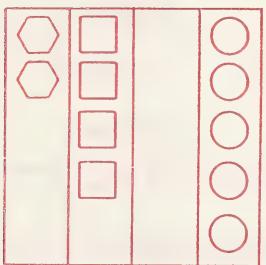


10. This picture stands for 1324.

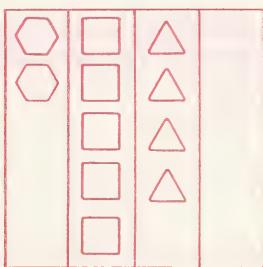


Which of the following pictures stands for 2450?

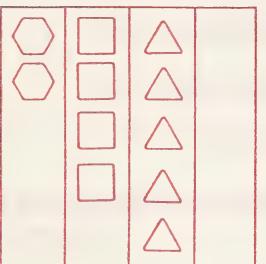
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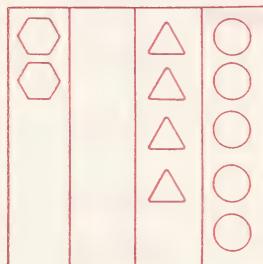
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○



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- 11. Lori is throwing darts at a number board.  
She is trying to hit a number BETWEEN 310 and 340.**

Row 1	341	346	305	302
Row 2	329	316	337	318
Row 3	355	377	343	357
Row 4	362	306	351	376

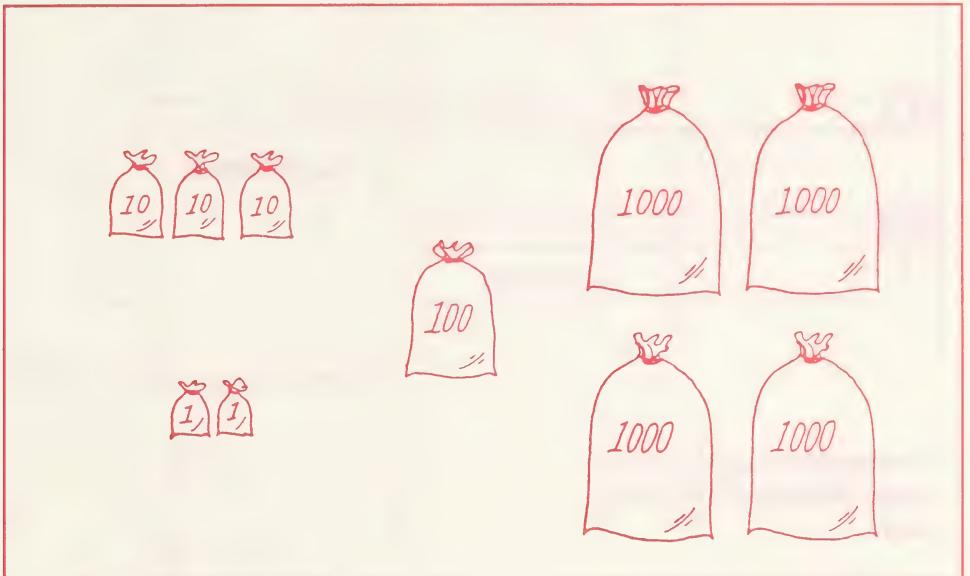
**In which row will she hit a number  
BETWEEN 310 and 340?**

- Row 1
- Row 2
- Row 3
- Row 4

- 12. The number 8610 is  
read as**

- eight thousand six hundred ten
- eight thousand sixty-one
- eight hundred sixty-one
- eighty-six ten

13. These are bags of marbles.



How many marbles are there in all?

4321

4132

3214

3142

14. Three thousand nine hundred  
is written as

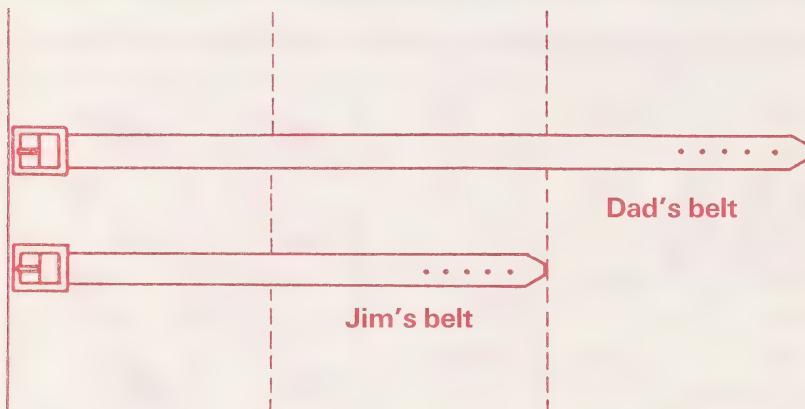
3009

3090

3900

3990

15. Look at this picture.



The length of Jim's belt is what fraction of his Dad's belt?

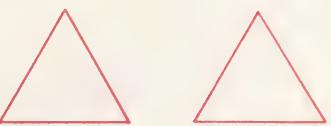
$\frac{2}{3}$

$\frac{1}{3}$

$\frac{1}{2}$

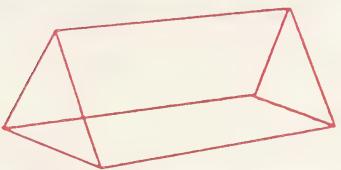
$\frac{1}{4}$

16. Use ALL these figures.

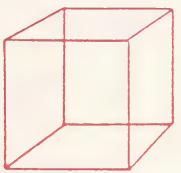


Which object could be made?

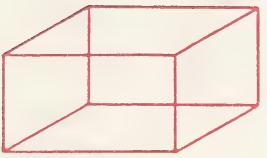
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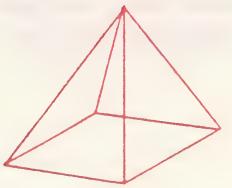
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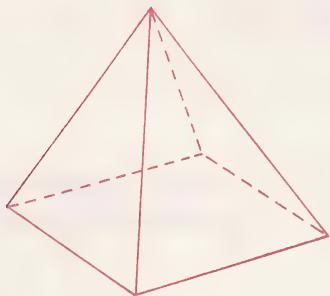
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**17. Which word BEST describes an orange?**

- Cone
  - Circle
  - Cylinder
  - Sphere
- 

**18. How many edges does this object have?**

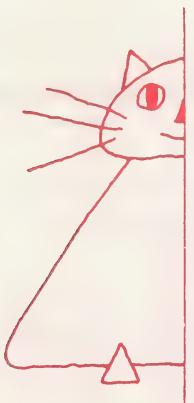


- 4
  - 5
  - 7
  - 8
- 

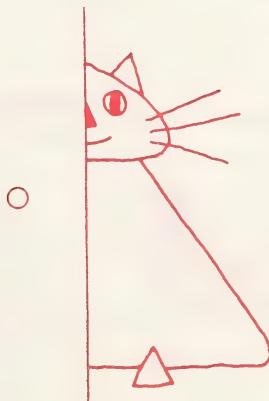
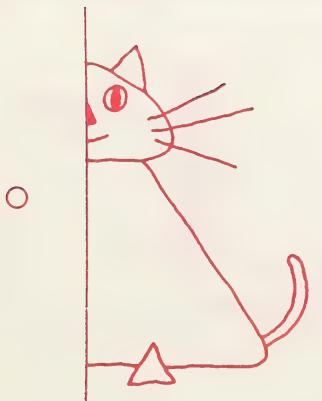
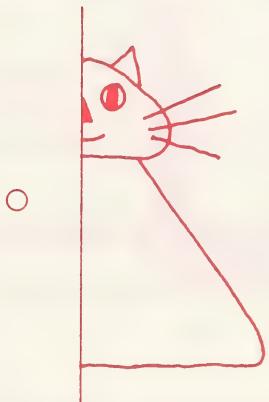
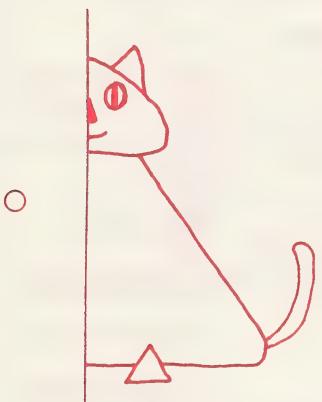
**19. A toothpick is used for each side of a triangle.  
How many toothpicks are needed to make eight  
separate triangles?**

- 32
  - 27
  - 24
  - 12
-

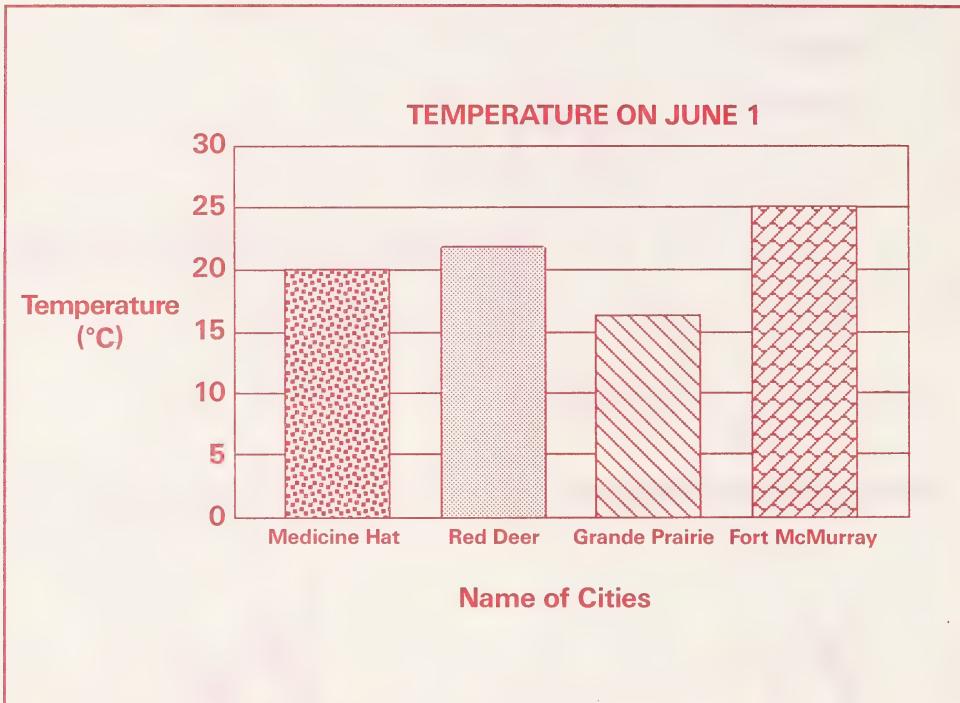
20. Randy wants to make this picture the same on both sides.



Which picture should he use?



21. Look at this graph.



Which city had a temperature of 22°C on June 1?

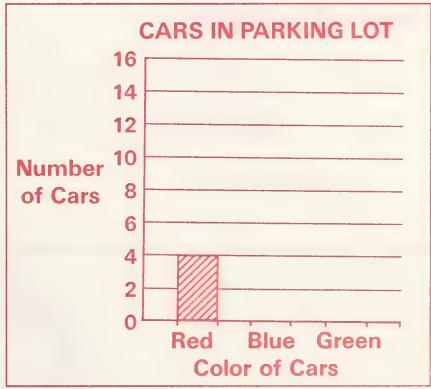
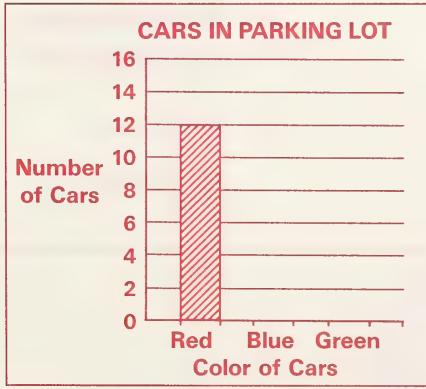
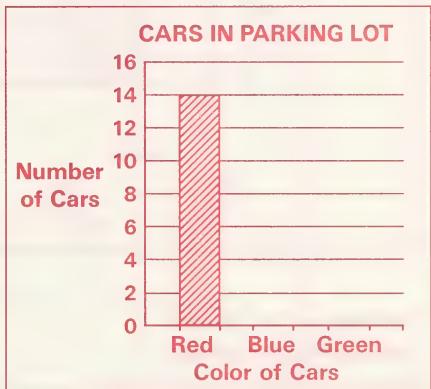
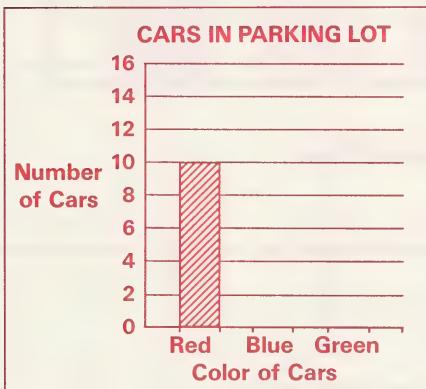
- Red Deer
- Medicine Hat
- Fort McMurray
- Grande Prairie

22. James and Kim made a chart to show the number of different colored cars in a parking lot.

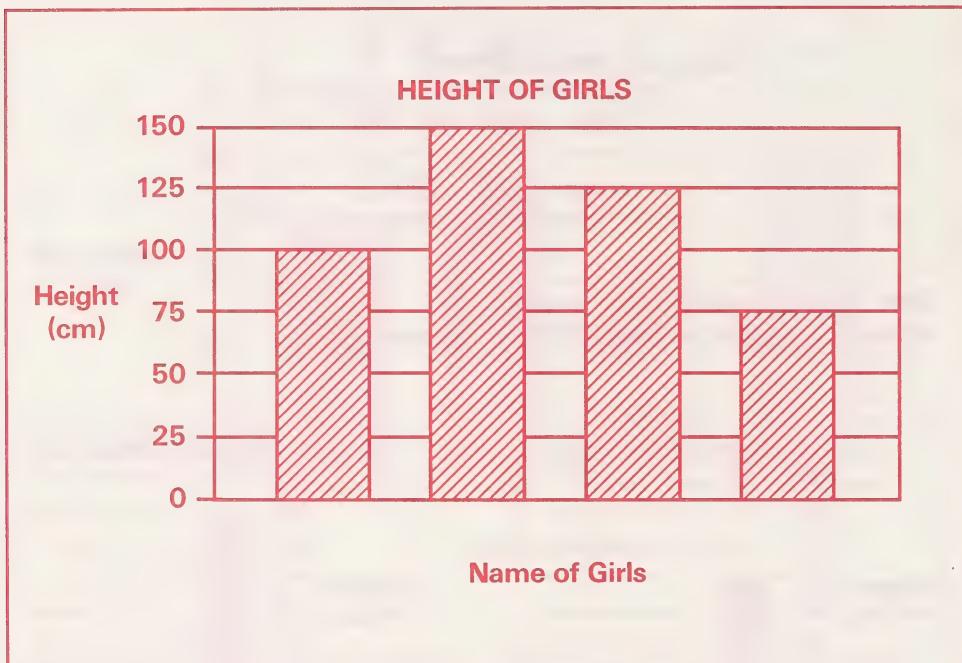
Red			
Blue			
Green			

They started to draw a bar graph.

Which bar graph has been STARTED correctly?



23. This graph shows the height of four girls.  
Their names are missing from the graph.



Debbie is the tallest.

Amy is the shortest.

Dawn is taller than Sarah.

How tall is Sarah?

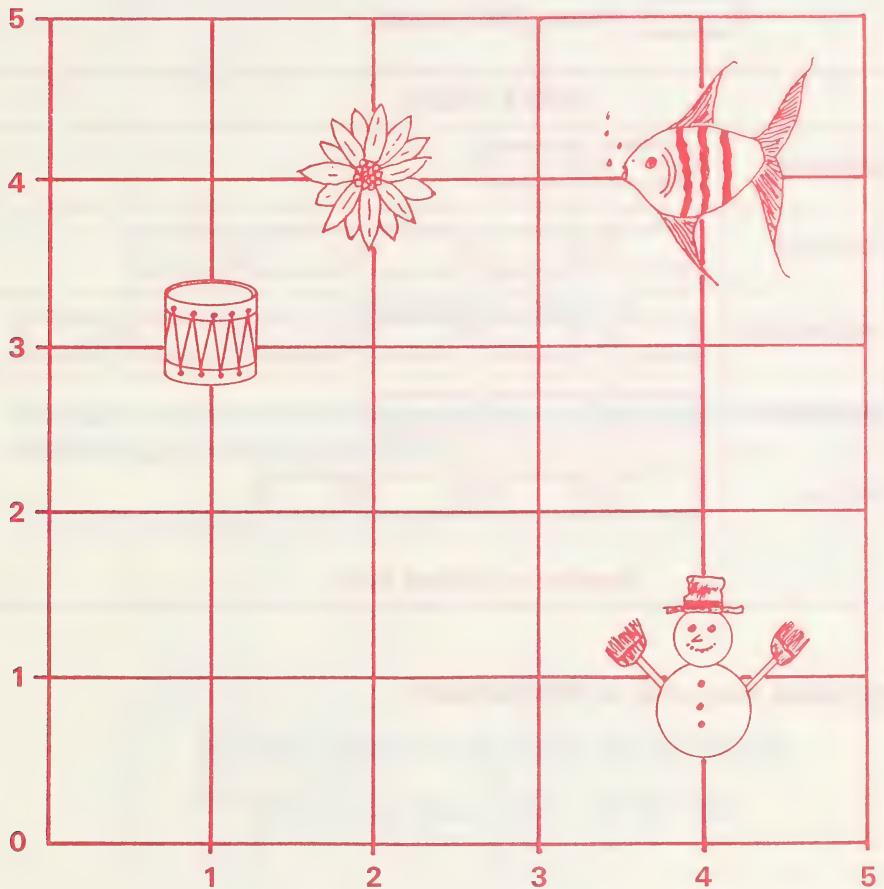
75 cm

100 cm

125 cm

150 cm

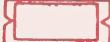
24. Look at this grid.

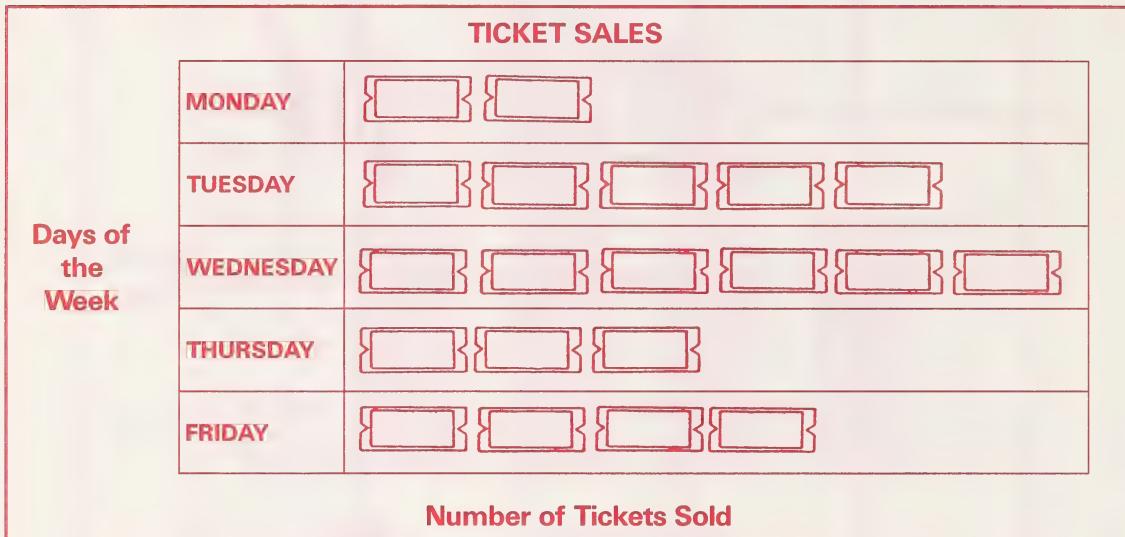


Which picture do you  
find across 2 and up 4?

- Drum
- Fish
- Flower
- Snowman

25. This graph shows the number of tickets sold on each day.

 means TWO tickets



How many tickets were sold on WEDNESDAY?

2

6

12

20

**END OF SECTION I, PART A**  
**YOU MAY GO BACK TO CHECK YOUR ANSWERS.**



## **SECTION I, PART B**

This part of the test has 25 questions about working with numbers, measuring, and solving problems.

You have 25 minutes to complete this part of the test.

**DO NOT TURN THIS PAGE UNTIL YOUR  
TEACHER TELLS YOU TO DO SO.**

26.  $23 + \square = 23$

Which number goes in the box  $\square$  ?

46

23

1

0

27.

$$6 \div 2 = 3$$

$$6 \div 3 = 2$$

$$2 \times 3 = 6$$

Which number sentence belongs with  
the group in the box?

$3 + 3 = 6$

$3 \times 2 = 6$

$6 - 3 = 3$

$6 - 2 = 4$

28.

It takes Chris 4 minutes to wash a window.

If Chris wants to know how many  
minutes it will take him to  
wash 8 windows, he should

add 4 and 8

subtract 4 from 8

divide 8 by 4

multiply 8 by 4

29.    
$$\begin{array}{r} 429 \\ - 35 \\ \hline + 531 \end{array}$$

- 9915
- 1095
- 995
- 985

30. Trish has 8 books.

Each book has 100 pictures.

How many pictures are there in all?



- 80
- 108
- 800
- 8100

31.  $3 + 4 = 4 + \square$

Which number goes in the box  $\square$  ?

- 3
- 7
- 10
- 11

32. 
$$\begin{array}{r} 401 \\ - 299 \\ \hline \end{array}$$

- 102
- 112
- 212
- 302

33. Jan is 158 cm tall.  
Guy is 134 cm tall.

How much taller is Jan than Guy?

- 14 cm
- 24 cm
- 34 cm
- 292 cm

34. A number is divided by six.  
The answer is four.

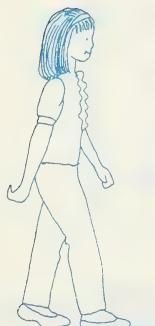
Which number sentence shows  
this problem?

- $6 \div 4 = \square$
- $\square \div 4 = 6$
- $6 \div \square = 4$
- $\square \div 6 = 4$

35.

Lee goes up and down some stairs.  
She starts at the bottom.  
She goes up seven steps.  
She goes down four steps.  
She goes up eight steps.  
She goes down six steps.

Which step did Lee end on?



- 26
- 25
- 17
- 5

36.

John and Mary made 15 legs for stools.

Each stool needs 3 legs.

To find out how many stools they can make, they should use



- $15 \div 3$
- $15 \times 3$
- $15 - 3$
- $15 + 3$

37.

Chad multiplies a number by 3.

Then he adds 1 to it.

The answer is 22.

What is the number?



- 9
- 8
- 7
- 6

38.  $42 \times 10 = \square$

Which number goes in the box  $\square$  ?

- 40
- 42
- 402
- 420

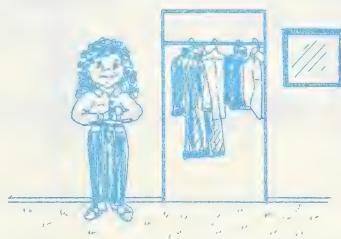
39.

Jennifer leaves school at 3:15 p.m.

It takes her 10 minutes to walk home.



It takes her 5 minutes to change her clothes.



She practises the piano for 30 minutes.



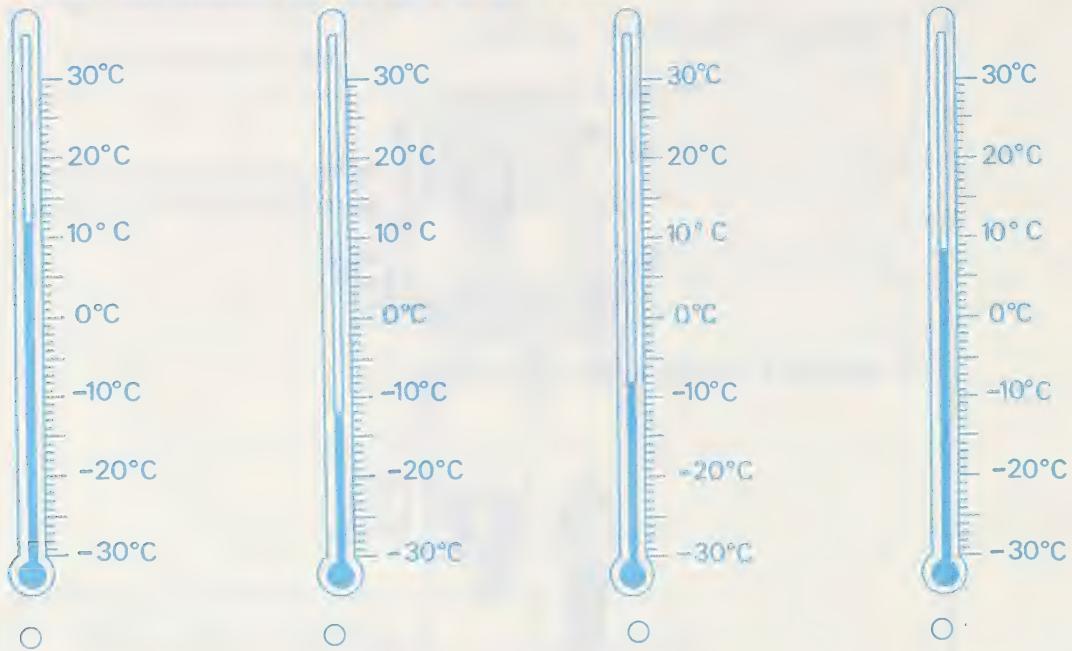
She then goes out to play.

What time is it when  
she goes out to play?

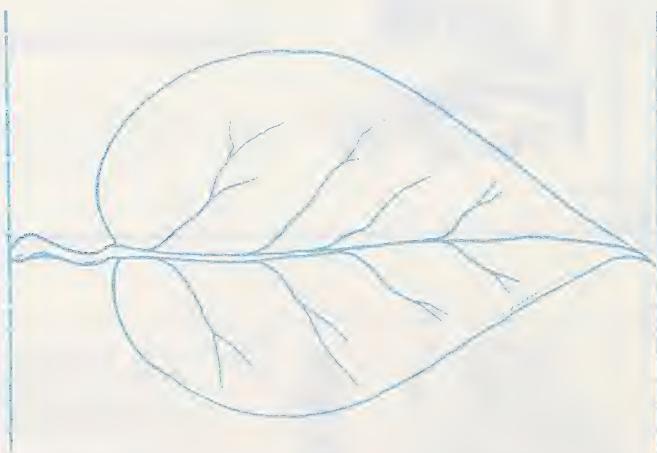


- 3:45 p.m.
- 4:00 p.m.
- 4:10 p.m.
- 4:15 p.m.

40. Which thermometer shows  $12^{\circ}\text{C}$  BELOW zero?



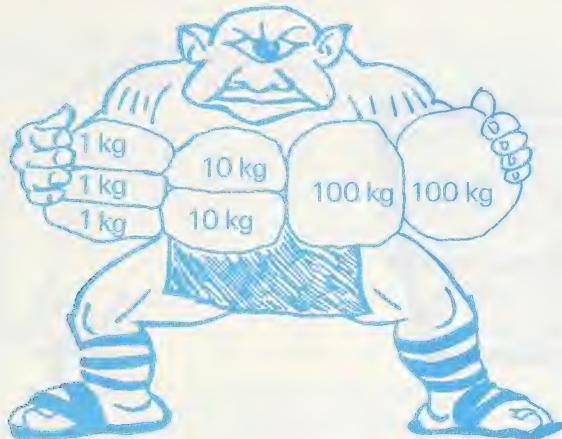
41. About how long is this leaf?



- 30 cm
- 20 cm
- 10 cm
- 5 cm

42.

Cyclops is holding these rocks.



How much do the rocks weigh all together?

- 213 kg
- 223 kg
- 403 kg
- 430 kg

43. Which group of months is listed in the correct order?

- September, November, October, December
- December, January, February, March
- June, July, September, August
- February, April, March, May

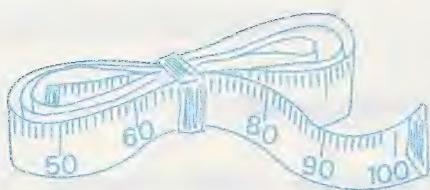
44. What would you use to find out how heavy you are?



○



○

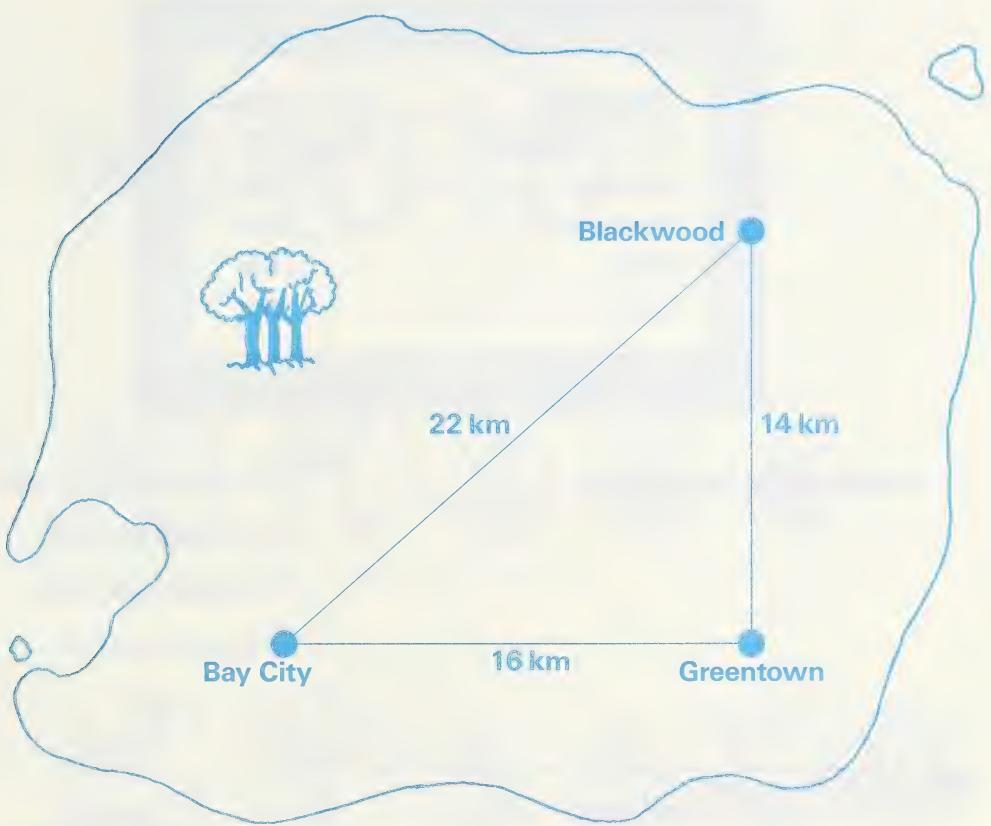


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○

45. Joe travelled from Blackwood to Greentown and then to Bay City.



What distance did Joe travel?

- 22 km
- 30 km
- 42 km
- 52 km

46. Theresa spent \$0.95 at the Snack Bar.

Snacks	Price
Fruit Chews .....	65¢
Crackers .....	60¢
Peanuts .....	50¢
Milk .....	40¢
Juice .....	35¢

Which snacks did she buy?

- Fruit Chews and Juice
- Crackers and Milk
- Crackers and Juice
- Peanuts and Milk

47.

Dan bought 1 dozen eggs.  
He used 3 eggs to make a cake.  
His sister wanted to know how many  
eggs were left.



What does she need to know to solve the problem?

- How much the eggs cost
- How long it takes to bake the cake
- The number of eggs in a dozen
- The amount of flour needed

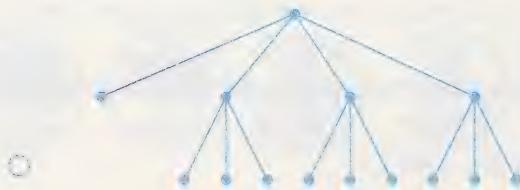
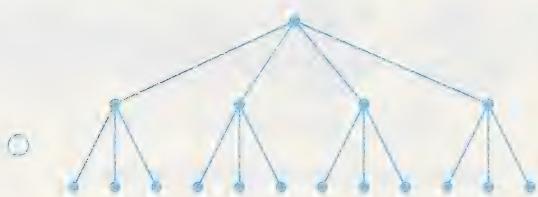
48. Which group of coins has a total value LESS than 75¢?



49.

Mrs. Rogers has four children.  
Each of her children has three children.  
How many grandchildren does Mrs. Rogers have?

Which diagram would help you to solve the problem?



50. Look at the number patterns.

Pattern A	1	4	7	10		
Pattern B	2	5	8	11		
Pattern C	3	6	9	12		
Pattern D	4	8	12	16		

To which pattern does number 17 belong?

- Pattern A
- Pattern B
- Pattern C
- Pattern D

END OF SECTION 1, PART B  
YOU MAY GO BACK TO CHECK YOUR ANSWERS.



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ANY MARKS  
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## **SECTION II**

**Section II has four sets of 32 questions each on addition, subtraction, multiplication, and division.**

**You have 2 minutes to complete each set of questions.**

**Your teacher will tell you when to START and when to STOP each set.  
Answer as many questions as you can.**

**DO NOT TURN THIS PAGE UNTIL  
YOUR TEACHER TELLS YOU TO DO SO.**

## ADDITION

1.

$$\begin{array}{r}
 \textcircled{O} 2 \\
 4 \quad \textcircled{O} 4 \\
 \underline{+2} \quad \textcircled{O} 6 \\
 \textcircled{O} 8
 \end{array}$$

2.

$$\begin{array}{r}
 \textcircled{O} 4 \\
 3 \quad \textcircled{O} 9 \\
 \underline{+7} \quad \textcircled{O} 10 \\
 \textcircled{O} 21
 \end{array}$$

3.

$$\begin{array}{r}
 \textcircled{O} 0 \\
 0 \quad \textcircled{O} 6 \\
 \underline{+6} \quad \textcircled{O} 16 \\
 \textcircled{O} 60
 \end{array}$$

4.

$$\begin{array}{r}
 \textcircled{O} 5 \\
 3 \quad \textcircled{O} 10 \\
 \underline{+8} \quad \textcircled{O} 11 \\
 \textcircled{O} 24
 \end{array}$$

5.

$$\begin{array}{r}
 \textcircled{O} 1 \\
 4 + 5 = \textcircled{O} 9 \\
 \textcircled{O} 14 \\
 \textcircled{O} 45
 \end{array}$$

6.

$$\begin{array}{r}
 \textcircled{O} 1 \\
 3 + 2 = \textcircled{O} 5 \\
 \textcircled{O} 6 \\
 \textcircled{O} 32
 \end{array}$$

7.

$$\begin{array}{r}
 \textcircled{O} 2 \\
 5 + 7 = \textcircled{O} 12 \\
 \textcircled{O} 13 \\
 \textcircled{O} 35
 \end{array}$$

8.

$$\begin{array}{r}
 \textcircled{O} 2 \\
 6 + 4 = \textcircled{O} 6 \\
 \textcircled{O} 10 \\
 \textcircled{O} 24
 \end{array}$$

9.

$$\begin{array}{r}
 \textcircled{O} 4 \\
 9 \quad \textcircled{O} 13 \\
 \underline{+5} \quad \textcircled{O} 14 \\
 \textcircled{O} 45
 \end{array}$$

10.

$$\begin{array}{r}
 \textcircled{O} 1 \\
 8 \quad \textcircled{O} 15 \\
 \underline{+9} \quad \textcircled{O} 16 \\
 \textcircled{O} 17
 \end{array}$$

11.

$$\begin{array}{r}
 \textcircled{O} 4 \\
 1 \quad \textcircled{O} 5 \\
 \underline{+5} \quad \textcircled{O} 6 \\
 \textcircled{O} 15
 \end{array}$$

12.

$$\begin{array}{r}
 \textcircled{O} 0 \\
 7 \quad \textcircled{O} 7 \\
 \underline{+7} \quad \textcircled{O} 13 \\
 \textcircled{O} 14
 \end{array}$$

13.

$$\begin{array}{r}
 \textcircled{O} 8 \\
 9 + 1 = \textcircled{O} 9 \\
 \textcircled{O} 10 \\
 \textcircled{O} 19
 \end{array}$$

14.

$$\begin{array}{r}
 \textcircled{O} 1 \\
 7 + 6 = \textcircled{O} 11 \\
 \textcircled{O} 13 \\
 \textcircled{O} 42
 \end{array}$$

15.

$$\begin{array}{r}
 \textcircled{O} 2 \\
 3 + 5 = \textcircled{O} 8 \\
 \textcircled{O} 15 \\
 \textcircled{O} 35
 \end{array}$$

16.

$$\begin{array}{r}
 \textcircled{O} 5 \\
 9 + 4 = \textcircled{O} 13 \\
 \textcircled{O} 14 \\
 \textcircled{O} 36
 \end{array}$$

continued on next page



## ADDITION

17.

$$\begin{array}{r}
 \textcircled{1} \\
 5 \textcircled{11} \\
 + 6 \\
 \hline
 \textcircled{56}
 \end{array}$$

18.

$$\begin{array}{r}
 \textcircled{4} \\
 8 \textcircled{6} \\
 + 2 \\
 \hline
 \textcircled{10}
 \end{array}$$

19.

$$\begin{array}{r}
 \textcircled{1} \\
 5 \textcircled{9} \\
 + 4 \\
 \hline
 \textcircled{20}
 \end{array}$$

20.

$$\begin{array}{r}
 \textcircled{3} \\
 6 \textcircled{4} \\
 + 2 \\
 \hline
 \textcircled{8}
 \end{array}$$

21.

$$\begin{array}{r}
 \textcircled{1} \\
 9 + 8 = \textcircled{17} \\
 \textcircled{18} \\
 \textcircled{19}
 \end{array}$$

22.

$$\begin{array}{r}
 \textcircled{0} \\
 3 + 3 = \textcircled{3} \\
 \textcircled{6} \\
 \textcircled{9}
 \end{array}$$

23.

$$\begin{array}{r}
 \textcircled{2} \\
 2 + 4 = \textcircled{6} \\
 \textcircled{8} \\
 \textcircled{24}
 \end{array}$$

24.

$$\begin{array}{r}
 \textcircled{4} \\
 7 + 3 = \textcircled{10} \\
 \textcircled{21} \\
 \textcircled{37}
 \end{array}$$

25.

$$\begin{array}{r}
 \textcircled{1} \\
 6 \textcircled{12} \\
 + 7 \\
 \hline
 \textcircled{15}
 \end{array}$$

26.

$$\begin{array}{r}
 \textcircled{1} \\
 2 \textcircled{5} \\
 + 3 \\
 \hline
 \textcircled{6}
 \end{array}$$

27.

$$\begin{array}{r}
 \textcircled{2} \\
 9 \textcircled{16} \\
 + 7 \\
 \hline
 \textcircled{17}
 \end{array}$$

28.

$$\begin{array}{r}
 \textcircled{5} \\
 4 \textcircled{12} \\
 + 9 \\
 \hline
 \textcircled{49}
 \end{array}$$

29.

$$\begin{array}{r}
 \textcircled{2} \\
 8 + 6 = \textcircled{12} \\
 \textcircled{13} \\
 \textcircled{14}
 \end{array}$$

30.

$$\begin{array}{r}
 \textcircled{3} \\
 6 + 9 = \textcircled{15} \\
 \textcircled{16} \\
 \textcircled{17}
 \end{array}$$

31.

$$\begin{array}{r}
 \textcircled{0} \\
 8 + 0 = \textcircled{8} \\
 \textcircled{18} \\
 \textcircled{80}
 \end{array}$$

32.

$$\begin{array}{r}
 \textcircled{1} \\
 7 + 8 = \textcircled{13} \\
 \textcircled{14} \\
 \textcircled{15}
 \end{array}$$



## SUBTRACTION

1.

$$\begin{array}{r}
 \textcircled{0} \ 0 \\
 7 \ \textcircled{0} \ 3 \\
 - \underline{0} \ 7 \\
 \hline
 \textcircled{0} \ 10
 \end{array}$$

2.

$$\begin{array}{r}
 \textcircled{0} \ 2 \\
 16 \ \textcircled{0} \ 7 \\
 - \underline{8} \ 0 \\
 \hline
 \textcircled{0} \ 12
 \end{array}$$

3.

$$\begin{array}{r}
 \textcircled{0} \ 4 \\
 9 \ \textcircled{0} \ 5 \\
 - \underline{4} \ 0 \\
 \hline
 \textcircled{0} \ 13
 \end{array}$$

4.

$$\begin{array}{r}
 \textcircled{0} \ 2 \\
 11 \ \textcircled{0} \ 3 \\
 - \underline{8} \ 0 \\
 \hline
 \textcircled{0} \ 19
 \end{array}$$

5.

$$\begin{array}{r}
 \textcircled{0} \ 2 \\
 10 - 2 = \\
 \textcircled{0} \ 5 \\
 \textcircled{0} \ 8 \\
 \textcircled{0} \ 12
 \end{array}$$

6.

$$\begin{array}{r}
 \textcircled{0} \ 3 \\
 7 - 3 = \\
 \textcircled{0} \ 4 \\
 \textcircled{0} \ 10 \\
 \textcircled{0} \ 21
 \end{array}$$

7.

$$\begin{array}{r}
 \textcircled{0} \ 9 \\
 15 - 6 = \\
 \textcircled{0} \ 10 \\
 \textcircled{0} \ 11 \\
 \textcircled{0} \ 21
 \end{array}$$

8.

$$\begin{array}{r}
 \textcircled{0} \ 3 \\
 9 - 3 = \\
 \textcircled{0} \ 6 \\
 \textcircled{0} \ 12 \\
 \textcircled{0} \ 27
 \end{array}$$

9.

$$\begin{array}{r}
 \textcircled{0} \ 4 \\
 12 \ \textcircled{0} \ 5 \\
 - \underline{7} \ 0 \\
 \hline
 \textcircled{0} \ 15
 \end{array}$$

10.

$$\begin{array}{r}
 \textcircled{0} \ 1 \\
 14 \ \textcircled{0} \ 7 \\
 - \underline{5} \ 0 \\
 \hline
 \textcircled{0} \ 19
 \end{array}$$

11.

$$\begin{array}{r}
 \textcircled{0} \ 2 \\
 5 \ \textcircled{0} \ 3 \\
 - \underline{3} \ 0 \\
 \hline
 \textcircled{0} \ 15
 \end{array}$$

12.

$$\begin{array}{r}
 \textcircled{0} \ 2 \\
 12 \ \textcircled{0} \ 3 \\
 - \underline{4} \ 0 \\
 \hline
 \textcircled{0} \ 8 \\
 \textcircled{0} \ 12
 \end{array}$$

13.

$$\begin{array}{r}
 \textcircled{0} \ 6 \\
 16 - 9 = \\
 \textcircled{0} \ 7 \\
 \textcircled{0} \ 9 \\
 \textcircled{0} \ 25
 \end{array}$$

14.

$$\begin{array}{r}
 \textcircled{0} \ 2 \\
 7 - 5 = \\
 \textcircled{0} \ 3 \\
 \textcircled{0} \ 12 \\
 \textcircled{0} \ 35
 \end{array}$$

15.

$$\begin{array}{r}
 \textcircled{0} \ 2 \\
 7 - 4 = \\
 \textcircled{0} \ 3 \\
 \textcircled{0} \ 11 \\
 \textcircled{0} \ 28
 \end{array}$$

16.

$$\begin{array}{r}
 \textcircled{0} \ 1 \\
 17 - 8 = \\
 \textcircled{0} \ 7 \\
 \textcircled{0} \ 8 \\
 \textcircled{0} \ 9
 \end{array}$$

continued on next page



## SUBTRACTION

17.

$$\begin{array}{r}
 & \textcircled{8} \\
 16 & \textcircled{9} \\
 - 7 & \\
 \hline
 & \textcircled{11} \\
 & \textcircled{23}
 \end{array}$$

18.

$$\begin{array}{r}
 & \textcircled{2} \\
 6 & \textcircled{3} \\
 - 3 & \\
 \hline
 & \textcircled{9} \\
 & \textcircled{18}
 \end{array}$$

19.

$$\begin{array}{r}
 & \textcircled{2} \\
 11 & \textcircled{3} \\
 - 9 & \\
 \hline
 & \textcircled{4} \\
 & \textcircled{20}
 \end{array}$$

20.

$$\begin{array}{r}
 & \textcircled{2} \\
 17 & \textcircled{8} \\
 - 9 & \\
 \hline
 & \textcircled{9} \\
 & \textcircled{26}
 \end{array}$$

21.

$$\begin{array}{r}
 & \textcircled{5} \\
 13 - 8 = & \textcircled{11} \\
 & \textcircled{15} \\
 & \textcircled{21}
 \end{array}$$

22.

$$\begin{array}{r}
 & \textcircled{4} \\
 11 - 7 = & \textcircled{5} \\
 & \textcircled{6} \\
 & \textcircled{8}
 \end{array}$$

23.

$$\begin{array}{r}
 & \textcircled{5} \\
 14 - 9 = & \textcircled{8} \\
 & \textcircled{9} \\
 & \textcircled{23}
 \end{array}$$

24.

$$\begin{array}{r}
 & \textcircled{1} \\
 8 - 6 = & \textcircled{2} \\
 & \textcircled{3} \\
 & \textcircled{14}
 \end{array}$$

25.

$$\begin{array}{r}
 & \textcircled{1} \\
 9 & \textcircled{2} \\
 - 8 & \\
 \hline
 & \textcircled{11} \\
 & \textcircled{17}
 \end{array}$$

26.

$$\begin{array}{r}
 & \textcircled{2} \\
 6 & \textcircled{3} \\
 - 4 & \\
 \hline
 & \textcircled{9} \\
 & \textcircled{10}
 \end{array}$$

27.

$$\begin{array}{r}
 & \textcircled{1} \\
 7 & \textcircled{3} \\
 - 6 & \\
 \hline
 & \textcircled{13} \\
 & \textcircled{42}
 \end{array}$$

28.

$$\begin{array}{r}
 & \textcircled{2} \\
 10 & \textcircled{4} \\
 - 8 & \\
 \hline
 & \textcircled{18} \\
 & \textcircled{80}
 \end{array}$$

29.

$$\begin{array}{r}
 & \textcircled{4} \\
 13 - 7 = & \textcircled{6} \\
 & \textcircled{10} \\
 & \textcircled{20}
 \end{array}$$

30.

$$\begin{array}{r}
 & \textcircled{0} \\
 4 - 4 = & \textcircled{4} \\
 & \textcircled{8} \\
 & \textcircled{16}
 \end{array}$$

31.

$$\begin{array}{r}
 & \textcircled{1} \\
 10 - 1 = & \textcircled{9} \\
 & \textcircled{11} \\
 & \textcircled{21}
 \end{array}$$

32.

$$\begin{array}{r}
 & \textcircled{3} \\
 9 - 5 = & \textcircled{4} \\
 & \textcircled{5} \\
 & \textcircled{14}
 \end{array}$$



## MULTIPLICATION

1.

$$\begin{array}{r}
 \textcircled{1} \\
 3 \quad \textcircled{5} \\
 \times 2 \\
 \hline
 \textcircled{6} \\
 \textcircled{23}
 \end{array}$$

2.

$$\begin{array}{r}
 \textcircled{5} \\
 4 \quad \textcircled{13} \\
 \times 9 \\
 \hline
 \textcircled{36} \\
 \textcircled{49}
 \end{array}$$

3.

$$\begin{array}{r}
 \textcircled{7} \\
 2 \quad \textcircled{10} \\
 \times 5 \\
 \hline
 \textcircled{15} \\
 \textcircled{25}
 \end{array}$$

4.

$$\begin{array}{r}
 \textcircled{0} \\
 6 \quad \textcircled{6} \\
 \times 6 \\
 \hline
 \textcircled{12} \\
 \textcircled{36}
 \end{array}$$

5.

$$\begin{array}{r}
 \textcircled{1} \\
 4 \times 5 = \textcircled{9} \\
 \textcircled{20} \\
 \textcircled{45}
 \end{array}$$

6.

$$\begin{array}{r}
 \textcircled{0} \\
 8 \times 0 = \textcircled{2} \\
 \textcircled{8} \\
 \textcircled{80}
 \end{array}$$

7.

$$\begin{array}{r}
 \textcircled{7} \\
 2 \times 9 = \textcircled{11} \\
 \textcircled{18} \\
 \textcircled{29}
 \end{array}$$

8.

$$\begin{array}{r}
 \textcircled{1} \\
 7 \times 6 = \textcircled{13} \\
 \textcircled{36} \\
 \textcircled{42}
 \end{array}$$

9.

$$\begin{array}{r}
 \textcircled{5} \\
 2 \quad \textcircled{9} \\
 \times 7 \\
 \hline
 \textcircled{14} \\
 \textcircled{16}
 \end{array}$$

10.

$$\begin{array}{r}
 \textcircled{3} \\
 5 \quad \textcircled{13} \\
 \times 8 \\
 \hline
 \textcircled{40} \\
 \textcircled{42}
 \end{array}$$

11.

$$\begin{array}{r}
 \textcircled{5} \\
 8 \quad \textcircled{11} \\
 \times 3 \\
 \hline
 \textcircled{21} \\
 \textcircled{24}
 \end{array}$$

12.

$$\begin{array}{r}
 \textcircled{1} \\
 3 \quad \textcircled{7} \\
 \times 4 \\
 \hline
 \textcircled{12} \\
 \textcircled{16}
 \end{array}$$

13.

$$\begin{array}{r}
 \textcircled{2} \\
 4 \times 2 = \textcircled{6} \\
 \textcircled{8} \\
 \textcircled{16}
 \end{array}$$

14.

$$\begin{array}{r}
 \textcircled{1} \\
 3 \times 1 = \textcircled{3} \\
 \textcircled{4} \\
 \textcircled{6}
 \end{array}$$

15.

$$\begin{array}{r}
 \textcircled{2} \\
 6 \times 4 = \textcircled{10} \\
 \textcircled{24} \\
 \textcircled{28}
 \end{array}$$

16.

$$\begin{array}{r}
 \textcircled{4} \\
 3 \times 7 = \textcircled{10} \\
 \textcircled{21} \\
 \textcircled{24}
 \end{array}$$

continued on next page 

## MULTIPLICATION

17.      ○ 6 $\begin{array}{r} 2 \\ \times 4 \\ \hline 8 \end{array}$ ○ 12 ○ 24	18.      ○ 0 $\begin{array}{r} 0 \\ \times 5 \\ \hline 50 \end{array}$ ○ 10 ○ 50	19.      ○ 1 $\begin{array}{r} 1 \\ \times 9 \\ \hline 9 \end{array}$ ○ 9 ○ 10	20.      ○ 1 $\begin{array}{r} 6 \\ \times 7 \\ \hline 42 \end{array}$ ○ 36 ○ 42
--	---	---	---

21.      ○ 5 $3 \times 8 =$ ○ 11 ○ 24 ○ 27	22.      ○ 0 $4 \times 4 =$ ○ 4 ○ 8 ○ 16	23.      ○ 1 $5 \times 6 =$ ○ 11 ○ 30 ○ 35 ○ 36	24.      ○ 3 $8 \times 5 =$ ○ 13 ○ 35 ○ 40
--	--	--	--

25.      ○ 2 $\begin{array}{r} 3 \\ \times 6 \\ \hline 18 \end{array}$	26.      ○ 3 $\begin{array}{r} 6 \\ \times 2 \\ \hline 12 \end{array}$	27.      ○ 4 $\begin{array}{r} 7 \\ \times 3 \\ \hline 21 \end{array}$ ○ 37	28.      ○ 1 $\begin{array}{r} 5 \\ \times 4 \\ \hline 20 \end{array}$ ○ 25
---	---	---	---

29.      ○ 3 $4 \times 7 =$ ○ 11 ○ 21 ○ 28	30.      ○ 2 $7 \times 5 =$ ○ 12 ○ 30 ○ 35	31.      ○ 5 $9 \times 4 =$ ○ 13 ○ 34 ○ 36	32.      ○ 2 $5 \times 3 =$ ○ 8 ○ 15 ○ 35
--	--	--	---



## DIVISION

1.

- 8  
 9  
 $2 \overline{) 16}$   
 14  
 18

2.

- 3  
 4  
 $7 \overline{) 21}$   
 14  
 28

3.

- 2  
 4  
 $4 \overline{) 8}$   
 6  
 12

4.

- 1  
 2  
 $7 \overline{) 14}$   
 7  
 21

5.

- 4  
 5  
 $20 \div 4 =$   
 6  
 24

6.

- 1  
 7  
 $8 \div 1 =$   
 8  
 9

7.

- 5  
 7  
 $35 \div 5 =$   
 30  
 40

8.

- 3  
 5  
 $15 \div 3 =$   
 12  
 18

9.

- 6  
 7  
 $6 \overline{) 42}$   
 36  
 48

10.

- 3  
 4  
 $2 \overline{) 12}$   
 6  
 10

11.

- 6  
 9  
 $4 \overline{) 36}$   
 32  
 40

12.

- 2  
 3  
 $9 \overline{) 18}$   
 9  
 27

13.

- 0  
 1  
 $0 \div 7 =$   
 7  
 70

14.

- 4  
 6  
 $24 \div 4 =$   
 12  
 20

15.

- 3  
 4  
 $12 \div 3 =$   
 9  
 15

16.

- 8  
 9  
 $32 \div 4 =$   
 28  
 36

continued on next page 

## DIVISION

17.

 ○ 2  
 ○ 5  
 ○ 8  
 ○ 12

$$2 \overline{) 10}$$

18.

 ○ 1  
 ○ 4  
 ○ 8  
 ○ 16

$$1 \overline{) 8}$$

19.

 ○ 2  
 ○ 4  
 ○ 6  
 ○ 16

$$4 \overline{) 12}$$

20.

 ○ 5  
 ○ 8  
 ○ 7  
 ○ 45

$$7 \overline{) 35}$$

21.

 ○ 5  
 ○ 7  
 ○ 9  
 ○ 40

$$45 \div 5 =$$

22.

 ○ 4  
 ○ 8  
 ○ 12  
 ○ 20

$$16 \div 4 =$$

23.

 ○ 3  
 ○ 4  
 ○ 6  
 ○ 27

$$36 \div 9 =$$

24.

 ○ 2  
 ○ 3  
 ○ 6  
 ○ 9

$$6 \div 3 =$$

25.

 ○ 3  
 ○ 4  
 ○ 18  
 ○ 36

$$9 \overline{) 27}$$

26.

 ○ 3  
 ○ 6  
 ○ 9  
 ○ 18

$$5 \overline{) 20}$$

27.

 ○ 4  
 ○ 6  
 ○ 16  
 ○ 30

$$6 \overline{) 24}$$

28.

 ○ 9  
 ○ 1  
 ○ 3  
 ○ 20

$$2 \overline{) 0}$$

29.

 ○ 3  
 ○ 4  
 ○ 7  
 ○ 21

$$28 \div 7 =$$

30.

 ○ 6  
 ○ 7  
 ○ 8  
 ○ 49

$$42 \div 7 =$$

31.

 ○ 6  
 ○ 8  
 ○ 9  
 ○ 42

$$36 \div 6 =$$

32.

 ○ 3  
 ○ 7  
 ○ 8  
 ○ 18

$$21 \div 3 =$$



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ANY MARKS  
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